

**Amendments to the Specification:**

Page 5, after paragraph [0034], insert new paragraphs [0034.1]-[0034.3] as follows:

[0034.1] Fig. 7A is a schematic view of a quartz glass chip and optical fiber arrangement.

[0034.2] Fig. 7B is a schematic view of the tip of a quartz glass chip.

[0034.3] Fig. 7C is a cross-sectional view of a quartz glass chip and optical fiber arrangement.

Please replace paragraph [0041] with the following rewritten paragraph:

[0041] No limitation is posed upon such an inert gas, but an argon gas, a nitrogen gas, a helium gas, etc. may be recited, ~~for-example. example (Fig. 7C).~~ At least one kind of these gases can be used. The nitrogen gas is preferred as the inert gas from the standpoint that the gas is inexpensive and readily available, and can enhance the transmittance of the laser.

Please replace paragraph [0048] with the following rewritten paragraph:

[0048] No particular limitation is posed upon the density of the energy of the laser, either. However, it may be in a range of 1 to 100 mJ/cm<sup>2</sup>, and preferably in a range of 30 to ~~80 mJ/cm<sup>2</sup>.~~ 80 mJ/cm<sup>2</sup> (Fig. 7A). The reason for the above range is that if it is less than 1 mJ/cm<sup>2</sup>, the cell wall cannot be sufficiently processed, whereas if it is more than 100 mJ/cm<sup>2</sup>, the laser penetrates the cell membrane and largely damages the cell.

Please replace paragraph [0055] with the following rewritten paragraph:

[0055] Further, in the present invention, the laser beam may be irradiated through reflection and condensing. However, when the laser beam is irradiated through the optical fiber, the density of energy is decreased. For this reason, the density of the energy can be increased through reflection and condensing. The density of energy can be converged by attaching a glass tip or quartz chip to a tip of the ~~optical-fiber. fiber (Fig. 7B).~~ The density of energy can be more effectively converged by coating the surface of the glass chip or the

quartz chip with a metal such as aluminum, gold, platinum or palladium and/or oxides thereof.